

## INTERNATIONAL SEARCH REPORT

PCT/GB2005/001344

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	C07B59/00	C07C17/20	C07C17/361	C07C25/13
	C07C49/807	C07C49/84	C07D239/553	C07C277/08
	C07C227/16	C07C229/36	C07D209/82	C07D213/75

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D C07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, CHEM ABS Data, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	V. V. GRUSHIN ET AL.: "Arylation of anions with diarylhalonium fluoroborates under conditions of interphase catalysis" BULL. ACAD. SCI. USSR DIV. CHEM. SCI. (ENGL. TRANSL.), vol. 10, 1984, pages 2130-2135, XP009050820 page 2131, first two lines below table 2	1-4, 8-28
A	WO 03/002157 A (AMERSHAM PLC; IMAGING RESEARCH SOLUTIONS LTD; LUTHRA, SAJINDER, KAUR;) 9 January 2003 (2003-01-09) claims; examples	1-28 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the international search report

19 July 2005

05/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PUY ET AL: "Conversion of diaryliodonium salts to aryl fluorides" JOURNAL OF FLUORINE CHEMISTRY, ELSEVIER SEQUOIA. LAUSANNE, CH, vol. 21, 1982, pages 385-392, XP002313733 ISSN: 0022-1139 cited in the application Method c, page 391	1-28
A	F. R. WÜST, T. KNIESS: "Synthesis of 4-'18F!fluoroiodobenzene and its application in sonogashira cross-coupling reactions" J. LABEL. COMPD. RADIOPHARM., vol. 46, 2003, pages 699-713, XP002336694 page 711, line 17 - page 712, line 7	1-18
X		19-28
A	SHAH ET AL: "The synthesis of '18-F!fluoroarenes from the reaction of cyclotron-produced '18-F!fluoride ion with diaryliodonium salts!" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1, CHEMICAL SOCIETY. LETCHWORTH, GB, vol. 13, 1998, pages 2043-2046, XP002313734 ISSN: 0300-922X cited in the application page 2045, left-hand column, last paragraph - right-hand column, last line	1-18
X		19-28

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Patent document cited in search report	Publication date		Patent family member(s)		Publication date
W0 03002157	A 09-01-2003		BG 108497 A		31-03-2005
			BR 0210713 A		20-07-2004
			CA 2450637 A1		09-01-2003
			CN 1520315 A		11-08-2004
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			EP 1418950 A1		19-05-2004
			WO 03002157 A1		09-01-2003
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			MX PA03011743 A		01-07-2004
			SK 15772003 A3		03-01-2005
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			ZA 200309558 A		27-09-2004